AR-M550N AR-M620N AR-M700N

SHARP

do more than you ever thought possible with best-in-class copy, print, scan and fax features

scan²
Empowered with Scan² Technology

High performance features

- 55/62/70 ppm print speed
- 600 dpi resolution
- 150-sheet Duplex Single Pass Feeder
- Scan² Technology scans both sides of a 2-sided document in one pass—minimizing paper misfeeds
- TIFF and PDF Direct Printing offer enhanced efficiency
- Duplex Printing on up to 110# index from three different trays
- Standard Tandem Printing "via the network" for double the productivity—up to 140 ppm with two AR-M700 IMAGERs

Network device and data security

- Confidential Printing with 5-digit PIN code access
- User Authentication to control network scanning activity
- IP/MAC Address Filtering
- Optional Data Security Kit with 128-bit encryption (available Summer 2004)

Document workflow software

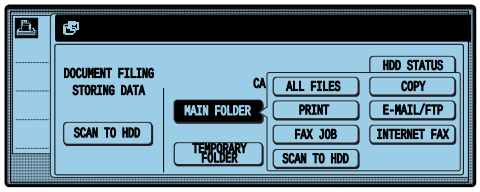
- Integrate scanned documents into your everyday workflow with Sharpdesk™ software (optional Network Expansion Kit required)
- Capture, organize, retrieve, and secure documents with Doc2NET, an enterprise-level solution that simplifies document archiving and storage (optional)
- Automatically route documents to a fax or e-mail address, MFP, printer, or FTP site—plus customize forms, invoices, and other transactional documents with Reform Enterprise (optional)
- Monitor and track printer usage with Equitrac's® PrintLog Accounting Server (optional)
- Satisfy spikes in printing during crunch time with Callisto's™ Print Queue Management capabilities (optional)

Powerful network scanning capabilities

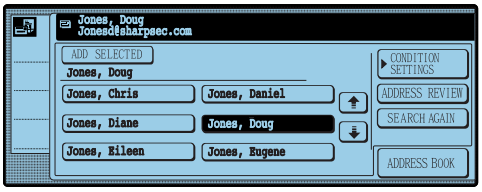
- ImageSEND for quick, convenient scanning and distribution of files
- Standard document filing of up to 20,000 pages with enhanced security controls
- LDAP support (Lightweight Directory Access Protocol) minimizes manual entry of addresses
- Super G3 facsimile with 2-second transmission time
- PC faxing enables users to fax directly from a desktop application

Advanced LAN and enterprise management compatibilities

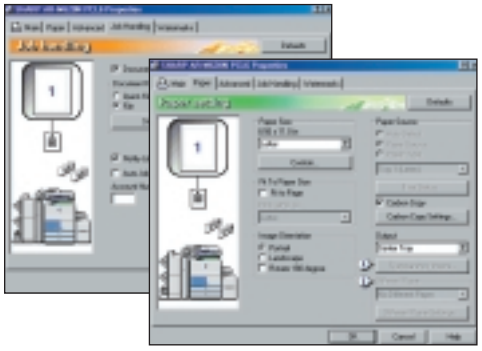
- Extended compatibility for the enterprise with industry-leading EMS software providers ensure that Sharp IMAGERs work within your existing network seamlessly



Standard built-in document filing makes it easy to store your scanned images—and keep them secure.



With LDAP, users only need to enter the first few characters of the destination e-mail address—so sending a file is incredibly quick.



Print driver screens are easy to navigate, enabling users to select options from various tabs.

Digital IMAGER™
Advanced Workgroup System

Main Copier Specifications

Type:	Console
Print System:	System (laser)
Copy System:	Dry electrostatic transfer system
Originals:	Sheets, bound documents
Copy Size:	Min. 5 1/2" x 8 1/2", Max. 11" x 17"
Exposure System:	OPC
Developer System:	Dry-type two-component magnetic brush development
Paper Feed System:	4 trays and bypass tray
Fusing System:	Heat roller
Resolution:	Scan: 600 x 600 dpi Output: 600 x 600 dpi
Gradations:	Scan: 256 levels Printing: 2 levels
Originals:	Sheets, bound documents
Copy Paper:	Plain paper and special papers
Copy Sizes:	Max. 11" x 17", min. 5 1/2" x 8 1/2"R, Postcard Image loss: Max. 11/64" (leading edge and trailing edge in total), max. 11/64" (along all other edges in total)
Warm-Up Time:	120 seconds or less
First-Copy Time:	3.9 seconds or less (when A4 size paper is fed horizontally from tray 1)
Copy Ratio:	Variable 25 to 400% in 1% increments
	Fixed Presets: 25%, 64%, 77%, 100%, 121%, 129%, 200%, 400%
Continuous Copy:	999 copies
Hard Drive Capacity:	40 GB; 16 GB partition for document filing capability
Expansion DIMM Slot:	1 slot (64 MB, 128 MB or 256 MB can be installed)
Dimensions:	28 43/64" (W) x 26 47/64" (D) x 46 15/16" (H) When bypass tray is extended: 49 47/64" (W) x 26 47/64" (D) x 46 15/16" (H)
Weight:	AR-M550U, AR-M550N, AR-M620U, AR-M620N: Approx. 408 lbs.
Overall Dimensions:	49 49/64" (W) x 26 47/64" (D)
Required Power Supply:	AC 120V, 60Hz, 16A
Power Consumption:	1.8 KW

Network Scanner Expansion Kit Specifications (AR-NS3)

Maximum Original Size:	11"x17"
Two-sided Originals:	Possible
Optical Resolution:	600 dpi
Output Resolution:	E-mail/FTP: 200 x 200, 300 x 300, 400 x 400, 600 x 600 dpi
Internet-Fax:	200 x 100, 200 x 200, 200 x 400, 400 x 400 dpi
Output Modes:	1bit/pixel
Halftone Processing:	Error dispersion (Black and white 150/200/300/400/600 dpi)
File Format:	E-mail/FTP File type: PDF/TIFF Compression mode: NONE/MH (G3)/MMR (G4) Internet-Fax File type: TIFF-F Compression Mode: MH(G3)/MMR(G4)
File Creation Method:	Specified pages per file/One file for all pages
Scan Destinations:	Send to FTP, Send to Desktop, Send to E-mail, Internet-Fax
Supported Client PC Operating Systems:	Windows 95/Windows 98/Windows Me/Windows NT4.0/ Windows 2000/Windows XP
Management System:	Uses built-in Web server
Web Browser:	Internet Explorer 5.5 or later, Netscape Navigator 6.0 or later
Network Protocol:	TCP/IP, UDP/IP
LAN Connectivity:	10Base-T/100Base-TX
Supported Mail System:	Mail servers supporting SMTP
Number of Destinations:	999 maximum*
Number of Senders:	999 maximum

Optional Large Capacity Tray Specifications

Paper Size:	8 1/2" x 11" (the paper size can only be changed by a service technician)
Paper Weight:	16 to 28 lbs.
Paper Capacity:	(plain) 3,500 sheets 20 lbs.
Dimensions:	14 23/32" (W) x 21 31/64" (D) x 20 3/8" (H)
Power Supply:	Supplied from the main unit
Weight:	Approximately 63 lbs.

Optional Punch Unit Specifications (AR-PN4B)

Hole Punching:	2 or 3 holes
Page Weight:	16 to 140 lb. index

Optional Two-Tray Finisher Specifications (AR-F15)

Number of Trays:	2
Paper Output:	Face down output
Paper Capacity:	Upper paper tray/Middle paper tray: **Non-stapling:** 2,000 sheets of paper: 8 1/2" x 11", 5 1/2" x 8 1/2"R, 20 lbs. 1,000 sheets of paper: Sizes other than the above **Stapling:** 100 sets or 750 pages of 8 1/2" x 11" paper; 100 sets or 500 pages of other sizes of paper
Paper Size:	Upper paper tray/Middle paper tray: 11" x 17", 8 1/2" x 14", 8 1/2" x 13", 8 1/2" x 11", 8 1/2" x 11"R, 7 1/4" x 10 1/2"R, 5 1/2" x 8 1/2"R
Page Weight:	Upper paper tray/Middle paper tray: 16 to 68 lbs.
Allowed Paper Sizes for Stapling:	Upper paper tray/Middle paper tray: 11" x 17", 8 1/2" x 14", 8 1/2" x 13", 8 1/2" x 11", 8 1/2" x 11"R
Maximum Number of Sheets for Stapling:	Top left corner stapling: Portrait 50 sheets; Landscape 30 sheets Lower left corner stapling: Portrait 50 sheets; Landscape 30 sheets Center left stapling: Portrait 50 sheets; Landscape 30 sheets
Stapling Positions:	1 place at back, 1 place at front, one place at front (diagonal), 2 places
Dimensions:	32 1/64" (W) x 24 13/16" (D) x 45 9/32" (H)
Weight :	Approx. 113 lbs.

Optional Saddle-Stitch Finisher Specifications (AR-F16)

Number of Trays:	3
Paper Output:	Face down output
Paper Capacity:	Upper paper tray/Middle paper tray: **Non-stapling:** 2,000 sheets of paper: 8 1/2" x 11", 5 1/2" x 8 1/2"R 20 lbs. 1,000 sheets of paper: Sizes other than the above **Stapling:** 100 sets or 750 pages of 8-1/2" x 11" paper 100 sets or 500 pages of other sizes of paper Lower tray: Stapled print capacity is11–15 sheets x 10 sets, 6–10 sheets x 20 sets, 1–10 sheets x 25 sets
Paper Size:	Upper paper tray/Middle paper tray: 11" x 17", 8 1/2" x 14", 8 1/2" x 13", 8 1/2" x 11", 8 1/2" x 11"R, 7 1/4" x 10 1/2"R, 5-1/2" x 8 1/2"R Lower tray: 11" x 17", 8 1/2" x 11"R, A3, B4, A4R
Allowed Paper Sizes for Stapling:	Upper paper tray/Middle paper tray: 11" x 17", 8 1/2" x 14", 8 1/2" x 13", 8 1/2" x 1", 8 1/2" x 11"R Lower tray: 11" x 17", 8 1/2" x 11"R
Maximum Number of Sheets for Stapling:	Top left corner stapling: Portrait 50 sheets; Landscape 30 sheets Lower left corner stapling: Portrait 50 sheets; Landscape 30 sheets Center left stapling: Portrait 50 sheets; Landscape 30 sheets Saddle-stitch: Landscape only 15 sheets
Stapling Positions:	1 place at back, 1 place at front, one place at front (diagonal), 2 places
Dimensions:	32 1/64" (W) x 24 13/16" (D) x 45 9/32" (H)
Weight :	Approx. 157 lbs.

**A total of 999 destinations can be stored, including E-mail, FTP, Desktop, Internet-Fax, and Group destinations. Among these, a combined total of 100 Send to FTP and Desktop destinations can be stored.*

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SHARP ELECTRONICS CORPORATION
Sharp Plaza, Mahwah, NJ 07430-1163
1-800-BE-SHARP
www.sharpusa.com

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